

## ABSTRACT

A cell growth inhibiting film including a resin and having a porous structure formed at least on its surface, a cell growth inhibiting method including causing the surface of a film including a resin and having a porous structure formed at least on its surface to contact cells to inhibit growth of the cells in the contact area, a medical instrument including a medical instrument substrate and a film including a resin and having a porous structure formed at least on its surface, in which the surface of the medical instrument substrate is entirely or partially covered with the film, and a digestive system stent including a stent substrate and a film including a resin and having a porous structure formed by through-holes with an average pore size of 0.1 to 20  $\mu\text{m}$  and a coefficient of variation in pore size of 30% or less, in which the stent substrate is covered with the film. According to the present invention, a material exhibiting cell growth inhibitory effects without using a physiologically active substance and suitable for forming a medical instrument, and a digestive system stent which secures a digestive system tubular cavity in the body and allows a digestive fluid and digestive enzymes contained therein to pass through, but blocks cancer cells, can be provided.